

# WEST Search History for Application 10522182

Creation Date: 2010020914:05

4314007.uref.PGPB, USPT, EPAB, JPAB, DWPI OR YES 10-01-2008  
(4314007.uref. ) and (mmc or (metal near2 matrix near2 composite) )PGPB, USPT, EPAB,  
JPAB, DWPI OR YES 10-01-2008  
7284590[uref]PGPB, USPT, EPAB, JPAB, DWPI OR 10-01-2008  
"RESS JR., ROBERT ANTHONY".in. or "EWING, BRUCE ALLAN".in. or "KING, BRIAN  
PAUL".in.PGPB, USPT, EPAB, JPAB, DWPI OR YES 10-01-2008  
("RESS JR., ROBERT ANTHONY".in. or "EWING, BRUCE ALLAN".in. or "KING, BRIAN  
PAUL".in. ) and (mmc or (metal near2 matrix near2 composite) )PGPB, USPT, EPAB, JPAB,  
DWPI OR YES 10-01-2008  
(airfoil or blade or vane) with (composite or cast or stiffened or casting or casing)PGPB,  
USPT, EPAB, JPAB, DWPI OR YES 10-01-2008  
(airfoil or blade or vane) with (composite or cast or stiffened or casting or casing) ) same  
(mmc or (metal near2 matrix near2 composite) )PGPB, USPT, EPAB, JPAB,  
DWPI OR YES 10-01-2008  
bonding or bonded or join or joined or jointPGPB, USPT, EPAB, JPAB,  
DWPI OR YES 10-01-2008  
(bonding or bonded or join or joined or joint ) same ((airfoil or blade or vane) with  
(composite or cast or stiffened or casting or casing) )PGPB, USPT, EPAB, JPAB,  
DWPI OR YES 10-01-2008  
(bonding or bonded or join or joined or joint same (airfoil or blade or vane) with (composite  
or cast or stiffened or casting or casing) ) and ((airfoil or blade or vane) with (composite or  
cast or stiffened or casting or casing) same mmc or (metal near2 matrix near2 composite)  
 )PGPB, USPT, EPAB, JPAB, DWPI OR YES 10-01-2008  
(bonding or bonded or join or joined or joint same (airfoil or blade or vane) with (composite  
or cast or stiffened or casting or casing) and (airfoil or blade or vane) with (composite or  
cast or stiffened or casting or casing) same mmc or (metal near2 matrix near2 composite) )  
not (4314007.uref. and mmc or (metal near2 matrix near2 composite) )PGPB, USPT, EPAB,  
JPAB, DWPI OR YES 10-01-2008  
11279675PGPB, USPT OR YES 10-01-2008  
2242848.pn.EPAB, DWPI OR YES 10-01-2008

## Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
al or aluminum	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		07-20-2009
blade	PGPB, USPT, EPAB, JPAB,	OR	YES		07-20-2009

	DWPI				
<b>forge or forged or forging</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		07-20-2009
<b>turbine</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		07-20-2009
<b>turbofan</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		07-20-2009
<b>(turbofan ) or (turbine )</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		07-20-2009
<b>(al or aluminum ) with (forge or forged or forging )</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		07-20-2009
<b>(turbofan or turbine ) same (blade )</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		07-20-2009
<b>(turbofan or turbine same blade ) and (al or aluminum with forge or forged or forging )</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		07-20-2009
<b>(al or aluminum ) with (blade )</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		07-20-2009
<b>(al or aluminum with blade ) and (turbofan or turbine same blade and al or aluminum with forge or forged or forging )</b>	PGPB, USPT, EPAB,	OR	YES		07-20-2009

	JPAB, DWPI				
<b>(al or aluminum with blade ) and (turbofan or turbine same blade and al or aluminum with forge or forged or forging )</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		07-20-2009
<b>blade or rotor</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-09-2010
<b>(al or aluminum)</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-09-2010
<b>reinforced or reinforcing or particles</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-09-2010
<b>casing or cladding or clad or coating or coated</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-09-2010
<b>core or base or substrate</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-09-2010
<b>(core or base or substrate ) with (casing or cladding or clad or coating or coated )</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-09-2010
<b>((al or aluminum) ) with (reinforced or reinforcing or particles )</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-09-2010
<b>((al or aluminum) with reinforced or reinforcing or particles ) same (core or base or substrate with casing</b>	PGPB, USPT,	OR	YES		02-09-2010

<b>or cladding or clad or coating or coated ) same (blade or rotor )</b>	EPAB, JPAB, DWPI			
<b>forge or forging or forged or extrude or extruded or compressed or compressing or extruding or compress</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES	02-09-2010
<b>(forge or forging or forged or extrude or extruded or compressed or compressing or extruding or compress ) and ((al or aluminum) with reinforced or reinforcing or particles same core or base or substrate with casing or cladding or clad or coating or coated same blade or rotor )</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES	02-09-2010